



DOCKET NO: S1022.81037US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pierre-Yvan LIARDET  
Serial No: 10/665,801  
Filed: September 18, 2003  
For: MASKING OF FACTORIZED DATA IN A RESIDUE NUMBER SYSTEM  
Examiner: Unassigned  
Art Unit: Unassigned Confirmation No: Unassigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114. No fee or certification is required.

Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant would like to bring to the Examiner's attention the enclosed French Search Report from French priority application No. 02/11671. As shown in the patent family search attached to the search report, U.S. Patent and publication Nos. 6,304,658, 2001002486, 2002124178, and 2003028771, correspond to document WO9935782, cited in the French Search Report.

Remarks

A copy of any document cited anywhere in the Information Disclosure Statement is enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

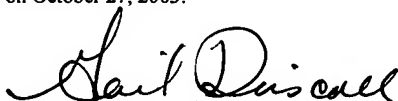
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 27, 2003.



Attorney Docket No.: S1022.81037US00  
**XNDD**

Respectfully submitted,

*Pierre-Yvan Liardet, Applicant*

By: 

James H. Morris  
Reg. No.: 34,681  
WOLF, GREENFIELD & SACKS, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210  
Tel. (617) 720-3500



FORM PTO/A-1449/A and B (Modified)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

APPLICATION NO.: 10/665,801

ATTY. DOCKET NO.: S1022.81037US00

FILING DATE: September 18, 2003

CONFIRMATION NO.:

APPLICANT: Pierre-Yvan LIARDET

GROUP ART UNIT: Unassigned

EXAMINER: Unassigned

Sheet

of

**U.S. PATENT DOCUMENTS**

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	*	2001002486			
	*	2002124178			
	*	2003028771			
	*	5,991,415			
	*	6,304,658			

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		FR	2799851	A	Caron (English Abstract)	04/202001	

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		French Search Report from corresponding French priority application No. 02/11671	
		Bajard, J-C, et al., <u>Modular Multiplication and Base Extensions in Residue Number Systems</u> , Proceedings 15 <sup>th</sup> IEEE Symposium on Computer Arithmetic. Vail. Co, June 11-13, 2001, IEEE Symposium on Computer Arithmetic, US, Los Alamitos, IEEE Comp. Soc. June 11, 2001, pp 59-65, XP-010547810	
		Yens, M. et al., RSA Speedup with Residue Number System Immune Against Hardware Fault Cryptanalysis, Lecture Notes in Computer Science, Springer Verlag, New York, NY vol, 2288, December 7, 2001, pp 397-413, XP002233842	

EXAMINER

DATE CONSIDERED

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided in accordance with the waiver notice of July 11, 2003 from the Patent and Trademark Office.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]